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1926

Ill. Coll.

ITINERARY  
ANNUAL INSPECTION TRIP  
OF THE  
COLLEGE OF ENGINEERING  
UNIVERSITY OF ILLINOIS



URBANA, ILLINOIS

1926



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# ANNUAL INSPECTION TRIP

## COLLEGE OF ENGINEERING

## UNIVERSITY OF ILLINOIS

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### GENERAL DIRECTIONS

#### Be Prompt

ALL MEMBERS of the party are required to report promptly at the appointed time and place. Instructors will call the roll at each place visited and any student absent from roll call will not be permitted to join the party until the time for the next event on the itinerary. Absence from roll call is sufficient justification for the dismissal of the student from the party, and for reporting him to the proper authorities at the University.

Hotel arrangements for the party will be made in advance. Students may be permitted to make other arrangements for lodging when such request seems reasonable to the instructor in charge. Report of all such changes in the lodging will be made by the instructors in charge at the close of the trip.

#### Be Courteous

Permission to visit the several places listed in the itinerary is a courtesy extended to the University which involves some expense and trouble to the management of these companies. Members of the party should be appreciative of this fact and conduct themselves properly as representatives of the University. It is particularly desirable that everyone refrain from smoking within the confines of the plants visited and that all fully observe posted regulations.

Any student who fails to conduct himself properly during an inspection trip will be reported to the University Committee on Discipline.

Since the University can have no proper control over others than those in regular attendance during these trips, friends of students will not be allowed to accompany the party except by permission previously obtained from the instructor in charge. This privilege will be extended only in rare instances and when the reasons for the request seem fully sufficient.

### **Be Careful**

While members of the faculty who are in immediate charge of these trips will make every effort to provide for the comfort and safety of the students in the party, there is, of course, some slight element of personal danger on railway trains, street cars, and in plants visited. Neither the owners of the plants visited, the University, nor members of the faculty can assume any responsibility for accidents which may occur to students during the trip. Proper care and department at all times will greatly reduce the possibility of accidents.

### **Be Observing**

Inspection trips are required because it is believed that the educational advantages resulting from the inspection of large industrial enterprises fully justify the time and expense involved. To realize this ideal, however, students must use every endeavor to secure a correct impression of the places visited, an appreciation of the general nature of the plant inspected and of its product, rather than of minor details.

Each student will be required to submit an acceptable report of the trip to the head of his department or to pass an examination to determine the extent and accuracy of the information secured, on or before December 1, 1926.

## Railroad and Hotel Service

Regular trains leave Champaign for Chicago at 5:52 p. m., Tuesday, Nov. 2, from the Illinois Central station. Special return railroad rates have been granted: one and one-half fares, returning before Sunday at midnight.

The Chicago headquarters during the trip will be at the Fort Dearborn Hotel, corner of Van Buren and La Salle streets. The rates will be as follows:

Single room with bath.....	\$2.45
Single room without bath.....	1.95
Double room with bath.....	3.50
Double room without bath.....	3.00
Three in a room with bath.....	5.00
Three in a room without bath.....	4.50
Four in a room with bath.....	6.00
Four in a room without bath.....	5.50

The Milwaukee headquarters will be at the Pfister Hotel. The rate will be as follows:

Four in a room with bath.....	\$8.00
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Regular trains returning to Champaign leave Twelfth Street Station, Chicago, at 4:50 p. m., 6:15 p. m., and 9:30 p. m., Saturday, November 6.

## ARCHITECTURE

### Wednesday, November 3

- 8:30 a. m. Assemble in lobby of FORT DEARBORN HOTEL for instructions.
- 9:00 a. m. A STUDY OF THE LAKE FRONT DEVELOPMENT under the direction of Mr. C. W. Farrier of the firm of Bennett, Parsons and Frost, 80 East Jackson Boulevard.
- 1:00 p. m. A STUDY OF THE MCKINLOCK CAMPUS buildings of Northwestern University.
- 6:00 p. m. Guests of the Illinois Public Utilities for Dinner in the Edison Building Restaurant, 72 West Adams Street.

### Thursday, November 4

- 8:00 a. m. Assemble in lobby of FORT DEARBORN HOTEL for instructions.
- 8:15 a. m. Arrive at the Monroe Street entrance of the PALMER HOUSE, State and Monroe Streets.
- 10:45 a. m. Arrive at the TRIBUNE TOWER.
- 1:00 p. m. A SURVEY OF OFFICE BUILDINGS IN THE LOOP.

### Friday, November 5

- 7:30 a. m. Assemble in lobby of FORT DEARBORN HOTEL for instructions.
- 7:45 a. m. Take Clybourn car at Van Buren and Clark for the LASSIG PLANT of THE AMERICAN BRIDGE COMPANY, 2601 Clybourn Avenue.
- 10:15 a. m. Arrive at the plant of the NORTHWESTERN TERRA COTTA COMPANY, 2525 Clybourn Avenue.
- 11:45 a. m. Take surface car to Loop.
- 1:00 p. m. Arrive at the MEDICAL AND DENTAL ARTS BUILDING, Wabash Avenue and Lake Street.
- 3:15 p. m. Arrive at the UNDERWRITERS LABORATORIES, 207 East Ohio Street.



**Saturday, November 6**

- 8:00 a. m.** Assemble in lobby of FORT DEARBORN HOTEL  
for instructions.
- 9:00 a. m.** A SURVEY OF DOMESTIC ARCHITECTURE AT  
LAKE FOREST, Illinois.

## ARCHITECTURAL ENGINEERING

### Wednesday, November 3

- 7:00 a. m. Assemble in lobby of FORT DEARBORN HOTEL for instructions.
- 7:15 a. m. Leave by bus for Buffington, Indiana.
- 8:30 a. m. Arrive at the plant of the UNIVERSAL PORTLAND CEMENT COMPANY.
- 10:15 a. m. Leave by bus for Indiana Harbor, Indiana.
- 10:45 a. m. Arrive at the plant of the INLAND STEEL COMPANY.
- 12:45 p. m. Guests of the Inland Steel Company for luncheon.
- 4:30 p. m. Leave Indiana Harbor for Chicago.
- 6:00 p. m. Guests of the Illinois Public Utilities Associations for Dinner in the Edison Building Restaurant, 72 West Adams Street.

### Thursday, November 4

- 8:00 a. m. Assemble in lobby of FORT DEARBORN HOTEL for instructions.
- 8:15 a. m. Arrive at the Monroe Street entrance of the PALMER HOUSE, State and Monroe Streets.
- 10:45 a. m. Arrive at the TRIBUNE TOWER.
- 12:00 noon Lunch in the vicinity.
- 1:00 p. m. Arrive at the BUILDERS BUILDING, Wacker Drive and La Salle Street.
- 3:15 p. m. Arrive at new foundation work, State Bank Building, La Salle and Monroe Streets.

### Friday, November 5

- 7:30 a. m. Assemble in lobby of FORT DEARBORN HOTEL for instructions.
- 7:45 a. m. Take Clybourn car at Van Buren and Clark for the LASSIG PLANT of THE AMERICAN BRIDGE COMPANY, 2601 Clybourn Avenue.

- 10:15 a. m. Arrive at the plant of the NORTHWESTERN  
TERRA COTTA COMPANY, 2525 Clybourn Avenue.
- 11:45 a. m. Take surface car to Loop.
- 1:00 p. m. Arrive at the MEDICAL AND DENTAL ARTS  
BUILDING, Wabash Avenue and Lake Street.
- 3:15 p. m. Arrive at the UNDERWRITERS LABORATORIES,  
207 East Ohio Street.

**Saturday, November 6**

- 7:45 a. m. Assemble in lobby of FORT DEARBORN HOTEL  
for instructions.
- 8:00 a. m. Arrive at the STEVENS HOTEL, South Michigan  
Boulevard and Seventh Street.
- 10:15 a. m. Arrive at the ROANOKE TOWER, La Salle and  
Madison Streets.
- 12:00 noon Adjourn.

## CERAMIC ENGINEERING

### Wednesday, November 3

- 7:00 a. m. Assemble at NEW HOTEL PLUMB. Take bus to STREATOR CLAY MANUFACTURING COMPANY.
- 10:00 a. m. Go to WESTERN GLASS COMPANY.
- 10:45 a. m. Go to STREATOR BRICK COMPANY.
- 1:00 p. m. Go to AMERICAN BOTTLE COMPANY.
- 2:30 p. m. Take bus to Ottawa, Illinois. Stop at NATIONAL FIRE PROOFING COMPANY.
- 5:00 p. m. Go to NEW CLIFTON HOTEL.

### Thursday, November 4

- 7:30 a. m. Assemble at hotel. Take bus to NATIONAL PLATE GLASS COMPANY.
- 9:30 a. m. Go to CHICAGO RETORT AND FIRE BRICK COMPANY.
- 11:30 a. m. Take bus to Joliet, Illinois. Get lunch and go to GENERAL REFRACTORIES COMPANY.
- 4:30 p. m. Take bus to Chicago. Stop at FORT DEARBORN HOTEL, Van Buren and La Salle Streets.

### Friday, November 5

- 7:00 a. m. Assemble at hotel. Take bus to MIDLAND TERRA COTTA COMPANY, 16th Street and 54th Avenue, Cicero.
- 10:00 a. m. Go to COONLEY MANUFACTURING COMPANY, Prairie Avenue and 28th Street, Cicero.
- 12:00 noon Lunch in Cicero.
- 12:45 p. m. Go to CHICAGO VITREOUS ENAMELING COMPANY, 1421-41 S. 55th Court, Cicero.
- 2:30 p. m. Take bus to WOLFF MANUFACTURING COMPANY, 255 N. Hoyne Avenue, Chicago.

## Saturday, November 6

- 7:30 a. m. Assemble at hotel. Take bus to NORTHWESTERN  
TERRA COTTA COMPANY, 2525 Clybourn Ave-  
nue.
- 10:00 a. m. Go to CHICAGO POTTERY COMPANY, 1920-40  
Clybourn Avenue.

## CIVIL ENGINEERING

### Wednesday, November 3

- 6:30 a. m. Assemble in lobby of FORT DEARBORN HOTEL.
- 7:00 a. m. Take special busses to plant of ILLINOIS STEEL COMPANY at Gary, Indiana.
- 12:00 noon Lunch at or near Y. M. C. A., Gary.
- 1:00 p. m. Take busses to plant of AMERICAN BRIDGE COMPANY at Curtis.
- 4:00 p. m. Take busses to Chicago.
- 6:00 p. m. Dinner in Edison Building Restaurant, 72 W. Adams St., given by the ILLINOIS PUBLIC UTILITY ASSOCIATIONS.

#### *Special—Sanitary Group Only.*

- 7:30 a. m. Assemble in lobby of FORT DEARBORN HOTEL. Go to THIRTY-NINTH STREET SEWAGE PUMP-ING STATION.
- 10:15 a. m. Inspect CHICAGO REDUCTION PLANT, 39th St. and Iron St.
- 12:00 noon Lunch at any convenient place.
- 2:00 p. m. Inspect WINNETKA WATER FILTRATION PLANT.
- 4:00 p. m. Inspect HIGHLAND PARK SEWAGE TREATMENT PLANT.
- 7:00 p. m. Take train to Milwaukee. Go to Hotel Pfister.

### Thursday, November 4

- 7:30 a. m. Assemble in lobby of FORT DEARBORN HOTEL.
- 8:00 a. m. Inspect Bridges of SOUTH PARK COMMISSION and TERMINAL IMPROVEMENTS OF ILLINOIS CENTRAL RAILROAD in Grant Park.  
Lunch as announced.
- 1:00 p. m. Inspect CONSTRUCTION OF FOUNDATIONS AND OF STEEL AND CONCRETE BUILDINGS in the Loop.

*Special—Sanitary Group Only.*

- 8:30 a. m. Report at office of CHIEF ENGINEER, MILWAUKEE SEWERAGE COMMISSION.
- 1:00 p. m. Report at office of CITY ENGINEER.
- 6:00 p. m. Leave Milwaukee by C. & N. W. R. R. for Chicago. Go to FORT DEARBORN HOTEL.

**Friday, November 5**

- 7:00 a. m. Assemble in lobby of FORT DEARBORN HOTEL.
- 7:15 a. m. Take special busses for inspection of LAKE VIEW PUMPING STATION.
- 10:00 a. m. Take busses for EVANSTON WATER FILTRATION PLANT.
- 11:30 a. m. Lunch as announced.
- 12:30 p. m. Take busses for NORTH SIDE SEWAGE TREATMENT PLANT.
- 4:00 p. m. Arrive ENGINEERING OFFICES, SANITARY DISTRICT OF CHICAGO.

**Saturday, November 6**

- 7:30 a. m. Assemble in lobby of FORT DEARBORN HOTEL.
- 8:00 a. m. Take launch at Chicago River near State Street to inspect BRIDGES OVER CHICAGO RIVER.
- 12:00 noon Disband.

## **ELECTRICAL ENGINEERING**

### **Wednesday, November 3**

- 6:45 a. m. Leave Fort Dearborn Hotel, Chicago, in special motor busses for the hydroelectric station of the Sanitary District at Lockport.
- 9:30 a. m. Leave in special busses for Crawford Avenue Station of Commonwealth Edison Company.
- 12:30 p. m. Leave in special busses for Hawthorne Works of the Western Electric Company for lunch at invitation of the Company.
- 2:00 p. m. Inspect works.
- 4:30 p. m. Take busses for city.
- 6:00 p. m. Dinner in Edison Building Restaurant, 72 West Adams Street, given by the Illinois Public Utility Associations.
- 8:30 p. m. Leave 209 South Wabash Avenue Station for Milwaukee on special electric train of the Chicago, North Shore and Milwaukee R. R.
- 10:45 p. m. Arrive at Hotel Pfister, Milwaukee.

### **Thursday, November 4**

- 8:00 a. m. Assemble at Public Service Building and take special cars for works of A. O. Smith Company.
- 10:00 a. m. Leave in special cars for the Westinghouse Lamp Company.
- 12:00 a. m. Take special cars for city.
- 1:30 p. m. Assemble at Public Service Building for visit to Lakeside Station of the Milwaukee Electric Railway and Light Company.
- 5:00 p. m. Take special cars for city.

### **Friday, November 5**

- 8:00 a. m. Assemble at Public Service Building and take special cars for works of Allis-Chalmers Manufacturing Company.



- 1:00 p. m. Lunch at Allis-Chalmers Club by invitation of Allis-Chalmers Manufacturing Company.
- 4:45 p. m. Take special cars for city.
- 7:30 p. m. Take special train of Chicago, North Shore & Milwaukee Railway for Chicago, stopping to inspect an automatic substation.
- 10:30 p. m. Arrive at Fort Dearborn Hotel, Chicago.

### **Saturday, November 6**

- 8:15 a. m. Leave Van Buren Street Station by suburban train of Illinois Central Railroad for South Chicago.
- 9:00 a. m. Enter South Works of the Illinois Steel Company.
- 11:30 a. m. Leave South Chicago for 67th Street Commonwealth Edison Substation of Illinois Central electrification.
- 12:15 p. m. Party disbands.

## GENERAL ENGINEERING

### Wednesday, November 3

- 6:30 a. m. Assemble in lobby of FORT DEARBORN HOTEL.
- 7:00 a. m. Take special busses to plant of Illinois Steel Company at Gary, Indiana.
- 12:00 noon Lunch at or near Y. M. C. A., Gary.
- 1:00 p. m. Take busses to plant of American Bridge Company at Curtis.
- 4:00 p. m. Take busses to Chicago.
- 6:00 p. m. Dinner in Edison Building Restaurant, 72 West Adams Street. Given by the Illinois Public Utility Association.
- 8:30 p. m. Leave Chicago, North Shore and Milwaukee Railroad Terminal, 209 South Wabash Avenue, for Milwaukee, arriving there at 10:45 p. m. Proceed to Pfister Hotel.

### Thursday, November 4

- 8:00 a. m. Leave the Public Service Building, via special street cars, for a visit to the plant of the Allis-Chalmers Manufacturing Company at West Allis.
- 1:30 p. m. Leave the Public Service Building, via special street cars, for a visit to the plant of the Falk Corporation.

### Friday, November 5

- 8:00 a. m. Leave the Public Service Building, via special street cars, for a visit to the plant of the A. O. Smith Corporation.
- 1:15 p. m. Assemble at the Public Service Building, for a visit to Lakeside Station of the Milwaukee Electric Railway and Light Company.
- 7:30 p. m. Leave Chicago, North Shore and Milwaukee Railroad Terminal for Chicago, arriving there at 10:30 p. m.

### **Saturday, November 6**

- 7:30 a. m.** Assemble in lobby of Fort Dearborn Hotel.
- 8:00 a. m.** Take launch at Chicago River near State Street  
to inspect Bridges over Chicago River.
- 12:00 noon** Disband.

## MECHANICAL ENGINEERING

### Wednesday, November 3

- 7:50 a. m. Assemble at the Fort Dearborn Hotel, Van Buren and La Salle Streets.
- 9:00 a. m. Inspect the Corwith Plant of the Crane Company.
- 1:00 p. m. Assemble at the Van Buren Street Suburban Station of the Illinois Central Railroad and take a Chicago South Shore and South Bend train for Ford City, Illinois.
- 1:45 p. m. Inspect assembly plant of Ford Motor Company.
- 6:00 p. m. Dinner in Edison Building Restaurant, 72 West Adams Street, given by The Illinois Public Utility Associations.
- 8:30 p. m. Leave Chicago North Shore and Milwaukee Railroad Terminal, 209 South Wabash Avenue, for Milwaukee, arriving there at 10:45 p. m. Proceed to the Pfister Hotel.

### Thursday, November 4

- 8:00 a. m. Leave the Public Service Building, via special street cars, for a visit to the plant of the Allis-Chalmers Manufacturing Company at West Allis.
- 1:30 p. m. Leave the Public Service Building, via special street cars, for a visit to the plant of the Falk Corporation.

### Friday, November 5

- 8:00 a. m. Leave the Public Service Building, via special street cars, for a visit to the plant of the A. O. Smith Corporation.

- 1:15 p. m. Assemble at the Public Service Building for a visit to Lakeside Station of the Milwaukee Electric Railway and Light Company.
- 7:30 p. m. Leave Chicago North Shore and Milwaukee Railroad Terminal for Chicago, arriving there at 10:30 p. m.

**Saturday, November 6**

- 8:15 a. m. Assemble at the Van Buren Street Suburban Station and take an Illinois Central train for South Chicago.
- 9:00 a. m. Inspect the South Works of the Illinois Steel Company.

## **MINING ENGINEERING**

### **Sunday October 31**

- 1:00 p. m. Leave for DuQuoin via automobile.
- 8:00 p. m. Arrive at DuQuoin, St. Nicholas Hotel.

### **Monday, November 1**

- 7:00 a. m. Leave hotel for Elkhaville to visit the strip mine of the Black Servant Coal Co.
- 11:00 a. m. Leave Elkhaville for Herrin.
- 12:00 noon Luncheon: Guests of Herrin Rotary Club.
- 1:30 p. m. Visit washery of Consolidated Coal Co., Mine No. 7.
- 2:30 p. m. Visit washery and surface plant of Chicago, Wilmington and Franklin Coal Co., Mine A.
- 4:30 p. m. Leave Herrin for Benton. The party will stay at the Illinois Mine Rescue Station at Benton.

### **Tuesday, November 2**

- 6:45 a. m. Leave Benton for West Frankfort.
- 7:15 a. m. Inspect Orient No. 2 mine of the Chicago Wilmington & Franklin Coal Co.
- 1:00 p. m. Visit mines 8 and 9 of the Old Ben Coal Corporation.
- 6:00 p. m. Return to Benton.

### **Wednesday, November 3**

- 6:30 a. m. Leave for Dowell to visit the Kathleen mine of the Union Colliery Co.
- 12:00 noon Leave Dowell for Iron Mountain, Mo.
- 7:00 p. m. Arrive at Iron Mountain, Mo., Iron Mountain Hotel.

### **Thursday, November 4**

- 7:00 a. m. Visit mine and mills of the Iron Mountain Co.
- 10:30 a. m. Leave for Flat River, Mo.
- 11:45 a. m. Arrive at Flat River, Mo., New Hammond Hotel.
- 12:30 p. m. Visit mines and mills of the National Lead Co.

### **Friday, November 5**

- 7:00 a. m. All-day visit to mines, mills and power plant of the St. Joseph Lead Company.

### **Saturday, November 6**

- 8:30 a. m. Visit blast furnaces, open-hearth furnaces and by-product coke plant at the works of the St. Louis Coke & Iron Company and the National Enameling & Stamping Company, Granite City, Ill.
- 2:00 p. m. Visit lead smelter of the St. Louis Smelting & Refining Co., Collinsville, Ill.

## RAILWAY CIVIL AND RAILWAY MECHANICAL ENGINEERING

### Wednesday, November 3

- 6:30 a. m. Assemble in lobby of FORT DEARBORN HOTEL.
- 7:00 a. m. Take special busses to plant of ILLINOIS STEEL COMPANY at Gary, Indiana
- 12:00 noon Lunch at or near Y. M. C. A., Gary.
- 1:00 p. m. Take busses to plant of AMERICAN BRIDGE COMPANY at Curtis.
- 4:00 p. m. Take busses to Chicago.
- 6:00 p. m. Dinner in Edison Building restaurant, 72 West Adams Street, given by The Illinois Public Utility Associations.

### Thursday, November 4

- 7:45 a. m. Leave FORT DEARBORN HOTEL to inspect the railway freight and passenger terminal yards along Roosevelt Road from State Street to Canal Street.
- 9:30 a. m. Inspect PENNSYLVANIA RAILROAD FREIGHT STATION, Polk Street.
- 1:30 p. m. Inspect UNION STATION, Van Buren and Canal Streets.

### Friday, November 5

- 7:15 a. m. Take Illinois Central suburban train at Van Buren Street.
- 8:30 a. m. Report at Burnside North Gate to inspect the ILLINOIS CENTRAL SHOPS.
- 10:58 a. m. Take Illinois Central suburban train to Hazelcrest to inspect MARKHAM YARDS.



## Saturday, November 6

- 7:30 a.m. Take Illinois Central suburban train at Van Buren Street for Pullman Station, 111th Street.
- 8:30 a.m. Inspect THE PULLMAN CAR WORKS.
- 12:00 noon Party disbands at Pullman.

# RAILWAY ELECTRICAL ENGINEERING

## Wednesday, November 3

- 6:30 a. m. Assemble in lobby of FORT DEARBORN HOTEL.
- 7:00 a. m. Take special busses to plant of ILLINOIS STEEL COMPANY at Gary, Indiana.
- 12:00 noon Lunch at Gary, Indiana.
- 12:30 p. m. Take train on Chicago, South Shore & South Bend Railway for 63rd Street, Chicago.
- 1:15 p. m. Inspect the 67th Street Substation of the COMMONWEALTH EDISON COMPANY. Also inspect the overhead system of the ILLINOIS CENTRAL TERMINAL ELECTRIFICATION.
- 4:48 p. m. Take Illinois Central suburban train No. 454, for Van Buren Street.
- 6:00 p. m. Dinner in Edison Building restaurant, 72 West Adams Street, given by the Illinois Public Utility Associations.
- 8:30 p. m. Leave 209 South Wabash Avenue Station for Milwaukee on special electric train of the Chicago, North Shore and Milwaukee R. R.
- 10:45 p. m. Arrive at Hotel Pfister, Milwaukee.

## Thursday, November 4

- 8:00 a. m. Assemble at Public Service Building and take special cars for works of A. O. Smith Company.
- 10:00 a. m. Leave in special cars for the Westinghouse Lamp Company.
- 12:00 a. m. Take special cars for city.
- 1:30 p. m. Assemble at Public Service Building for visit to Lakeside Station of the Milwaukee Electric Railway and Light Company.
- 5:00 p. m. Take special cars for city.

### Friday, November 5

- 8:00 a. m. Assemble at Public Service Building and take special cars for works of Allis-Chalmers Manufacturing Company.
- 1:00 p. m. Lunch at Allis-Chalmers Club by invitation of Allis-Chalmers Manufacturing Company.
- 4:45 p. m. Take special cars for city.
- 7:30 p. m. Take special train of Chicago, North Shore & Milwaukee Railway for Chicago, stopping to inspect an automatic substation.
- 10:30 p. m. Arrive at Fort Dearborn Hotel, Chicago.

### Saturday, November 6

- 7:30 a. m. Take Illinois Central suburban train at Van Buren Street for Pullman Station, 111th Street.
- 8:30 a. m. Inspect THE PULLMAN CAR WORKS.
- 12:00 noon Party disbands at Pullman.

# DEPARTMENT OF ARCHITECTURE

## Faculty

PROFESSOR C. E. PALMER  
PROFESSOR F. M. LESCHER

## Architects

KEITH, GRANVILLE S.	SWEET, JOHN E.
PARKS, W. B.	WUPPER, ARTHUR
ROWLAND, JOHN J.	

## Architectural Engineers

BULLARD, C. N.	REICHEL, ROBERT T.
BUTZOW, GEORGE M.	RICHARDSON, LOUIS A. JR.
CONFER, E. L.	RUDE, WM. BUCKLEY
FARWELL, JOHN A.	RUETTINGER, JOHN W.
FISCHMAN, OSCAR	SCHEYER, ROY W.
KLINGENSMITH, W. P.	SERPICO, F. J.
KOPPEL, EMANUEL	TANAKA, HISASHI
LEVEE, RAYMOND N.	WATTS, JOSEPH C.
PROUTY, J. DONALD	WILSON, RALPH D.

# DEPARTMENT OF CERAMIC ENGINEERING

## Faculty

PROFESSOR R. K. HURSH

## Graduate Student

TALWALKAR, T. D.

## Seniors

BREEN, J. P.  
CHANG, K.  
CREEVY, E. F.  
DAVIS, C. B.  
DEAN, KATHLEEN  
EHMAN, R. G.  
FITZGERALD, A. E.  
HOUSER, V. F.

KLEERUP, N. O. A.  
LOTZ, R. F.  
NOBLE, W. N.  
NORTHAM, H. L.  
PLANJE, C. W.  
PRIMM, H. E.  
RUDD, R. D.  
THOMPSON, C. L.

# CIVIL ENGINEERING

## Faculty

PROFESSOR HARDY CROSS	PROFESSOR T. D. MYLREA
PROFESSOR H. E. BABBITT	PROFESSOR J. J. DOLAND
MR. H. T. LARSEN	

## Graduate Students

FATHERSON, R. B.  
LEHMANN, F. G.  
MITCHELL, A. J.

## Seniors

BURNS, J. J.	McCOY, H. W.
BURT, H. H.	McKEAGUE, E. D.
BURT, H. J. JR.	NIELSEN, P. E.
CAVANAGH, J. D.	PATCHEN, C. B.
CHOW, LEE	PLETTA, D. H.
COOK, W. S.	RADY, S. P.
CUNNINGHAM, H. T.	RASMUSSEN, H. B.
DAVENPORT, E. P.	SADDAM, T. A.
DeMENT, G. L.	SAPER, NORMAN
GERBER, M. M. J.	SCHAEFER, E. J.
GOLDSBY, F. L.	SCHLENZ, H. E.
GUNLOCK, V. E.	SELIN, E. J.
HAN, C. T.	SHANAHAN, G. H.
HARDAWAY, I. W.	SMITH, D.
HAWLEY, A. W.	SOGA, S.
HELVENSTON, H. R.	STANKIEWICZ, E. J.
HILL, B. M.	STANGER, L. A.
HOLT, M.	STROHM, E. C.
HOULEHAN, C. C.	TEGHTMEYER, M. G.
KELLEHER, R. C.	THOMAS, M.
KRAUTHEIM, E. H.	THOMPSON, H. D.
LIPMAN, W. S.	TIPPY, K. C.
LOCHNER, H. W.	WAGNER, R.
LONG, J. R.	WARDER, B. A.
MAGEE, G. M.	WILLIAMS, R. A.
MILLNER, E. B.	WILLIS, C. L.
MOORE, R. L.	WOOLLEY, W. R.
MORSE, F. S.	ZIMMERLY, I. P.

# DEPARTMENT OF ELECTRICAL ENGINEERING

## Faculty

PROFESSOR E. B. PAINE  
PROFESSOR H. A. BROWN

PROFESSOR E. A. REID  
MR. L. B. ARCHER

## Seniors

ACKERMAN, M. L.  
ARMSTRONG, W. K.  
BASEDOW, C. A.  
BAUDINO, J. E.  
BROWN, L. T.  
BUNTING, W. L.  
CAPODANNO, R. T.  
CHEN, C. M.  
COOKE, D. D.  
CROSSETT, M. J.  
EICHORN, C. E.  
EPHGRAVE, J. O.  
FITZPATRICK, N. H.  
FOUSER, W. T.  
FRANK, P. H.  
FRANKS, C. J.  
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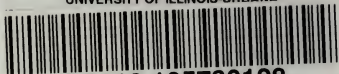








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